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THE COMPANIONS TO *ALDEBARAN.*

I have recently made the following set of measures of the two companions to *Aldebaran*:—

A and B = β 550.

1898.10	109°.7	31″.30	36-inch telescope	3 nights

A and C = Σ 2 (App. II).

1898.10	34°.3	117″.90	12-inch telescope	4 nights

C and D = β 1031.

1898.10	275°.2	1″.62	36-inch telescope	2 nights

These measures give additional confirmation to the conclusions stated by Mr. BURNHAM in 1891:[†] first, that the minute star "B" has the same proper motion as the principal star; the mean of five sets of measures of A and B, made by different observers between 1877 and 1891, is 109°.8 31″.08; second, that the HERSCHEL companion, C, has a proper motion of its own, differing from that of the principal star; third, that D, the companion to C, shares its proper motion, the relative change being due to some other cause. C and D, then, probably form a physical system, having no connection, other than optical, with A and B, and the apparent distance between the two systems will continually increase.

R. G. AITKEN.

February 26, 1898.

A REMARKABLE OBJECT.

[*Wolsingham Observatory Circular*, No. 46.]

"A remarkable object, hitherto unrecorded, was discovered on January 16th, and seen on three other nights. It is elliptical, one degree long, major axis 336°, and rather resembles some obscuring medium than a nebula, and is, I believe, unique.

"Place: R. A. $4^h\ 26^m\ 0^s$, Decl. +50° 44′ (1855).

T. E. ESPIN."

1898, February 16.

REQUEST FOR OBSERVATIONS.

Mademoiselle VERÀ STACHEVITET, Observatoire d' École Superieure des Femmes, Île de Basil 10 Ligne d. 33, St. Petersburg, wishes to compute the definitive orbit of Comet 1896 I, and would like any unpublished observations sent to her. C. D. P.

[†] *Monthly Notices* R. A. S., March, 1891.

A DAYLIGHT METEOR.

"Director of Lick Observatory.

"Dear Sir: I saw by the papers that a meteor had lately been observed by one of your men, and thought it might be of interest to you to say that last October, about an hour before sunset, I observed a very large and brilliant meteor fall between this city and a mountain to the north, not more than fifteen miles away. It left behind a spiral-shaped cloud of smoke, which was visible for about twenty minutes. Yours truly, CHAS. PIXLEY."

MISSOULA, MONT., January 24, 1898.

MISSING BOOKS.

The following books and periodicals are missing from the library of the Society, and no record of their whereabouts appears upon the charging book. Any information concerning them will be gratefully received by the Library Committee.

BOOKS.

No. 3. PROCTOR (R. A.): Other Worlds than Ours. 12mo.
9. WEBB (T. W.): Celestial Objects for Common Telescopes. 12mo.
10. WEBB (T. W.): Celestial Objects for Common Telescopes. 12mo.
17. OLIVER (J. A. W., and others): Astronomy for Amateurs. 12mo.
18. OLIVER (J. A. W., and others): Astronomy for Amateurs. 12mo.
46. YOUNG (C. A.): The Sun. 12mo.
47. YOUNG (C. A.): The Sun. 12mo.
49. PROCTOR (R. A.): Orbs Around Us. 12mo.
51. KIRKWOOD (D.): Meteoric Astronomy. 12mo.
57. NEWCOMB (S.): Popular Astronomy. 12mo.
252. MUELLER (H.): *Die Kepler'schen Gesetze.* 8vo.
253. PRESTEL (M. A. F.): *Astronomisches Diagramm.* 8vo.
260. THORNTON (J.) Physiography. 12mo.
277. BREWSTER (D.): More Worlds than One. 12mo.
281. ———: Martyrs of Science. 12mo.
282. ———: Life of Sir ISAAC NEWTON. 12mo.
301. LYNN (W. T.): Celestial Motions. 16mo.
302. JOHNSON (S. J.): Eclipses, Past and Future. 16mo.